

First Hit**End of Result Set**

L4: Entry 1 of 1

File: DWPI

Sep 26, 1990

DERWENT-ACC-NO: 1990-292238

DERWENT-WEEK: 199039

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TITLE: Medical radiological examination technique - includes X=ray examination
along three axes prior to computer construction of image

INVENTOR: PICARD, C; ROUGEE, A ; SAINT FELIX, D ; TROUSSET, Y ; PICARD, C C ;
ROUGEE, A C ; SAINTFELIX, D C ; TROUSSET, Y C

PATENT-ASSIGNEE: GENERAL ELECTRIC CGR SA (CGRR), GENERA ELEC CGR SA (CGRR)

PRIORITY-DATA: 1989FR-0003606 (March 20, 1989)**Search Selected****Search ALL****Clear**

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>EP 389333 A</u>	September 26, 1990		000	
<input type="checkbox"/> <u>DE 69005492 E</u>	February 10, 1994		000	A61B006/03
<input type="checkbox"/> <u>EP 389333 B1</u>	December 29, 1993	F	007	A61B006/03
<input type="checkbox"/> <u>FR 2644590 A</u>	September 21, 1990		000	
<input type="checkbox"/> <u>US 5287274 A</u>	February 15, 1994		007	G06F015/00

DESIGNATED-STATES: DE ES GB IT NL DE ES GB IT NL

CITED-DOCUMENTS:1.Jnl.Ref; FR 2368058 ; US 4128877

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 389333A	March 13, 1990	1990EP-0400661	
DE 69005492E	March 13, 1990	1990DE-0605492	
DE 69005492E	March 13, 1990	1990EP-0400661	
DE 69005492E		EP 389333	Based on
EP 389333B1	March 13, 1990	1990EP-0400661	
US 5287274A	March 15, 1990	1990US-0493818	

INT-CL (IPC): A61B 6/03; G01T 1/29; G06F 15/00

ABSTRACTED-PUB-NO: EP 389333A

BASIC-ABSTRACT:

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L6: Entry 1 of 1

File: DWPI

Jun 26, 1991

DERWENT-ACC-NO: 1991-187283

DERWENT-WEEK: 199126

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TITLE: Multi-scale reconstruction of image of body structure - using groups of volume elements as basis of first iteration of computation to give initial coarse reconstruction

INVENTOR: ROUGEE, A; SAINT-FELIX, D ; TROUSSET, Y ; SAINTFELIX, D

PATENT-ASSIGNEE: GENERAL ELECTRIC CGR SA (CGRR)

PRIORITY-DATA: 1989FR-0016906 (December 20, 1989)

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PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/>	<u>EP 434508 A</u>	June 26, 1991		000	
<input type="checkbox"/>	<u>DE 69018797 E</u>	May 24, 1995		000	G06T015/00
<input type="checkbox"/>	<u>EP 434508 B1</u>	April 19, 1995	F	014	G06T015/00
<input type="checkbox"/>	<u>FR 2656129 A</u>	June 21, 1991		000	
<input type="checkbox"/>	<u>US 5241471 A</u>	August 31, 1993		010	G06F015/42

DESIGNATED-STATES: DE NL DE NL

CITED-DOCUMENTS: EP 318291

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 434508A	December 12, 1990	1990EP-0403552	
DE 69018797E	December 12, 1990	1990DE-0618797	
DE 69018797E	December 12, 1990	1990EP-0403552	
DE 69018797E		EP 434508	Based on
EP 434508B1	December 12, 1990	1990EP-0403552	
US 5241471A	December 19, 1990	1990US-0630228	

INT-CL (IPC): A61B 6/03; G01N 23/04; G06F 15/42; G06F 15/62; G06T 15/00

ABSTRACTED-PUB-NO: EP 434508A

BASIC-ABSTRACT:

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File: DWPI

Sep 21, 2005

DERWENT-ACC-NO: 1994-257183

DERWENT-WEEK: 200563

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TITLE: Automatic geometric calibration of X=ray system with two=dimensional detector - using ghost signal with spaced out helically arranged cells contrasting with surrounding medium to calculate calibration coeffts.

INVENTOR: PICARD, C; ROUGEE, A ; TROUSSET, Y

PATENT-ASSIGNEE: GENERAL ELECTRIC CGR SA (CGRR), GE MEDICAL SYSTEMS SA (GENE)

PRIORITY-DATA: 1993FR-0000804 (January 27, 1993)

Search Selected

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>JP 3698167 B2</u>	September 21, 2005		016	A61B006/00
<input type="checkbox"/> <u>FR 2700909 A1</u>	July 29, 1994		036	H04N005/32
<input type="checkbox"/> <u>US 5442674 A</u>	August 15, 1995		013	A61B006/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 3698167B2	January 27, 1994	1994JP-0024818	
JP 3698167B2		JP 7016220	Previous Publ.
FR 2700909A1	January 27, 1993	<u>1993FR-0000804</u>	
US 5442674A	January 21, 1994	1994US-0186385	

INT-CL (IPC): A61B 6/00; A61B 6/03; G03B 42/00; H04N 5/32

ABSTRACTED-PUB-NO: FR 2700909A

BASIC-ABSTRACT:

The cells are arranged on a perspex or similar support (9) which is preferably cylindrical with end plates to prevent its deformation. They comprise small metallic ball-bearings which are supported in hollows in the support to form a helical pattern which partially transmit X-rays. The cells are allocated numbers which increase along the axis (2) of the phantom signal.

The source and detector rotate about the axis of the ghost signal and the position of the cell images are measured at certain angles to give relative calibration coeffts. The intrinsic parameters are calculated from these coeffts. Relative calibration coeffts. are then calculated from the intrinsic parameters for whatever angle by matching the theoretical and actual positions of the cells in the

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L7: Entry 1 of 1

File: DWPI

Oct 13, 2005

DERWENT-ACC-NO: 2000-025964

DERWENT-WEEK: 200568

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TITLE: Image reconstruction process for three-dimensional image eg. internal structures of patient under examination eg. reconstruction of angiographic images

INVENTOR: LAUNAY, L; ROMEAS, R ; TROUSSET, Y L M ; VAILLANT, R ; TROUSSET, Y

PATENT-ASSIGNEE: GE MEDICAL SYSTEMS SA (GENE)

PRIORITY-DATA: 1998FR-0007371 (June 11, 1998)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>DE 69921234 T2</u>	October 13, 2005		000	G06T011/00
<input type="checkbox"/> <u>EP 964366 A1</u>	December 15, 1999	E	012	G06T011/00
<input type="checkbox"/> <u>FR 2779853 A1</u>	December 17, 1999		000	G06T015/00
<input type="checkbox"/> <u>JP 2000051204 A</u>	February 22, 2000		009	A61B006/03
<input type="checkbox"/> <u>US 6510241 B1</u>	January 21, 2003		000	G06K009/00
<input type="checkbox"/> <u>EP 964366 B1</u>	October 20, 2004	E	000	G06T011/00
<input type="checkbox"/> <u>DE 69921234 E</u>	November 25, 2004		000	G06T011/00

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL
PT RO SE SI DE NL

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 69921234T2	June 7, 1999	1999DE-0621234	
DE 69921234T2	June 7, 1999	1999EP-0304406	
DE 69921234T2		EP 964366	Based on
EP 964366A1	June 7, 1999	1999EP-0304406	
FR 2779853A1	June 11, 1998	<u>1998FR-0007371</u>	
JP2000051204A	June 11, 1999	1999JP-0164958	
US 6510241B1	June 4, 1999	1999US-0326013	
EP 964366B1	June 7, 1999	1999EP-0304406	
DE 69921234E	June 7, 1999	1999DE-0621234	
DE 69921234E	June 7, 1999	1999EP-0304406	
DE 69921234E		EP 964366	Based on